to said user, said utilization permit key [comprising] <u>being</u> at least one of a display permit key, an edit permit key, a storage permit key, a copy permit key, and a transfer permit key; [and under management of a copyright control program,]

decrypting said encrypted digital data into decrypted digital data[, and performing at least one of the steps of:] <u>using the crypt key;</u>

[when said user displays said decrypted digital data,] displaying said decrypted digital data using said display permit key;

[when said user edits said decrypted digital data,] editing said decrypted digital data using said edit permit key;

[when said user stores said decrypted digital data,] storing said decrypted digital data using said storage permit key;

[when said user copies said decrypted digital data,] copying said decrypted digital data using said copy permit key; and

[when said user transfers said decrypted digital data,] transferring said decrypted digital data using said transfer permit key.

97.   (Amended) The method of claim 95, further comprising the step of supplying [said] <u>a</u> copyright control program from said database <u>to control said steps of decrypting, displaying, editing, storing, copying, and transferring</u>.

99.   (Amended)   The method of claim 95, [wherein said] <u>further comprising the step</u>
<u>of controlling said steps of decrypting, displaying, editing, storing, copying, and transferring with</u>
<u>a copyright control program, which uses at least one of a copyright control message and copyright</u>
<u>information of said digital data.</u>

105.   (Amended)   The method of claim 99, further comprising the steps of:

<u>in said editing of said digital data,</u> adding edit history information to said copyright
information [when said digital data is edited];

<u>in said copying of said digital data,</u> adding copy history information to said copyright
information [when said digital data is copied]; and

<u>in said transferring of said digital data,</u> adding transfer history information to said
copyright information [when] said digital data is transferred].

111.   (Twice Amended)   A method for controlling copyrights of digital data comprising
the steps of:

supplying encrypted digital data from a database to a user;

in response to a request by said user <u>to a key control center</u>, supplying at least one
utilization permit key including a crypt key [for said digital data] from [a] <u>the</u> key control center
to said user, said utilization permit key [comprising] <u>being</u> at least one of a display permit key,
an edit permit key, a storage permit key, a copy permit key, and a transfer permit key; [and under
management of a copyright control program,]

decrypting said encrypted digital data into decrypted digital data[, and performing at least one of the steps of:] using the crypt key;

[when said user displays said decrypted digital data,] displaying said decrypted digital data using said display permit key;

[when said user edits said decrypted digital data,] editing said decrypted digital data using said edit permit key;

[when said user stores said decrypted digital data,] encrypting said decrypted digital data using the crypt key and storing said encrypted digital data using said storage permit key;

[when said user copies said decrypted digital data,] encrypting said decrypted digital data using the crypt key and copying said encrypted digital data using said copy permit key; and

[when said user transfers said decrypted digital data,] encrypting said decrypted digital data and transferring said encrypted digital data using said transfer permit key.

113.   (Amended)   The method of claim 111, further comprising the step of supplying [said] a copyright control program from said database to control said steps of decrypting, displaying, editing, encrypting and storing, encrypting and copying, and encrypting and transferring.

115.   (Amended)   The method of claim 111, [wherein said] further comprising the step of controlling said steps of decrypting, displaying, editing, encrypting and storing, encrypting and

copying, and encrypting and transferring with a copyright control program, which uses at least

one of a copyright control message and copyright information of said digital data.

121. (Amended)   The method of claim 115, further comprising the steps of:

in said editing of said digital data, adding edit history information to said copyright

information [when said digital data is edited];

in said copying of said digital data, adding copy history information to said copyright

information [when said digital data is copied]; and

in said transferring of said digital data, adding transfer history information to said

copyright information [when said digital data is transferred].

127. (Twice Amended) A method for controlling copyrights of digital data comprising the

steps of:

supplying encrypted digital data from a database to a user;

in response to a request by said user to a key control center, supplying a crypt key from

a key control center to said user;

decrypting said encrypted digital data into decrypted digital data using said crypt key; [and

performing at least one of the steps of:]

displaying said decrypted digital data when said user requests to display said digital data;

editing said decrypted digital data when said user requests to edit said digital data;

encrypting said decrypted data again to be stored when said user requests to store said digital data;
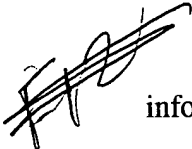
encrypting said decrypted data again to be copied when said user requests to copy said digital data; and

encrypting said decrypted data again to be transferred when said user requests to transfer said digital data [, wherein said steps of decrypting and encrypting again are managed by a copyright control program].

129.   (Amended)   The method of claim 127, further comprising the steps of supplying [said] a copyright control program from said database to control said steps of decrypting, displaying, editing, encrypting and storing, encrypting and copying, and encrypting and transferring.

131.   (Amended)   The method of claim 127, [wherein said] further comprising the step of controlling said steps of decrypting, displaying, editing, encrypting and storing, encrypting and copying, and encrypting and transferring with a copyright control program, which uses at least one of a copyright message and copyright information of said digital data.

137.   (Amended)   The method of claim 131, further comprising the steps of:

in said editing of said digital data, adding edit history information to said copyright information [when said digital data is edited];

in said copying of said digital data, adding copy history information to said copyright information [when said digital data is copied]; and

in said transferring of said digital data, adding transfer history information to said copyright information [when said digital data is transferred].

REMARKS

This Preliminary Amendment is responsive to the Office Action dated December 21, 1999 in the prior application. Claims 95-142 remain pending in the present application. Claims 96, 98, 100, 102, 106, 108, 112, 114, 116, 118, 122, 124, 128, 130, 132, 134, 138, and 140 were withdrawn from consideration. Claims 95, 97, 99, 101, 103-105, 107, 109-111, 113, 115, 117, 119-121, 123, 125-127, 129, 131, 133, 135-137, 139, 141, and 142 were rejected over prior art in the previous Office Action. The rejections set forth in the prior Office Action are traversed as discussed below.

Substitute Specification:

The Office Action required a Substitute Specification, apparently to incorporate the amendments thereto submitted in the Amendment dated January 7, 1997 (in parent Application Serial No. 08/416,037) and in the Preliminary Amendment dated September 16, 1997 in the present application. However, the Applicant wishes to defer submission of the Substitute Specification until allowable subject matter has been identified.